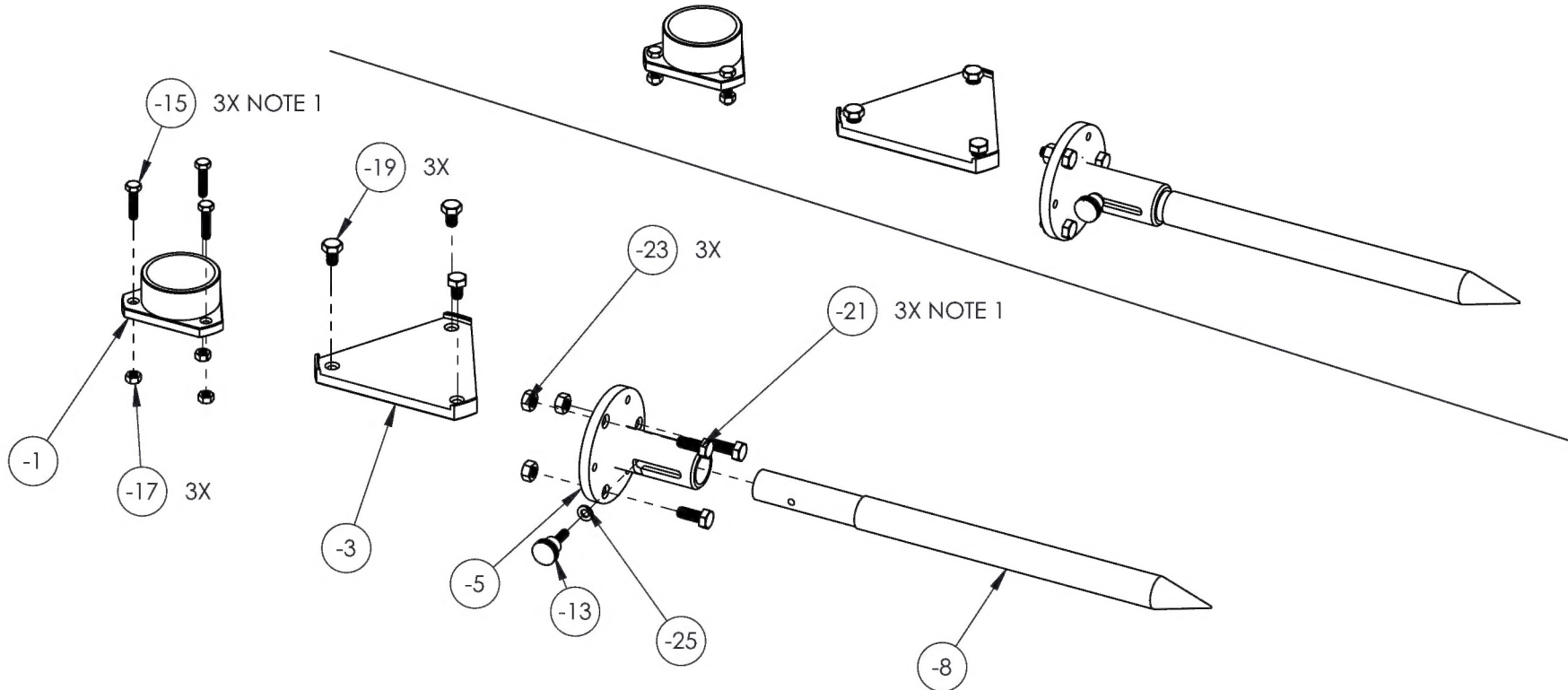


This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED ASSEMBLY -7 TO BOM. CH'D -3 CHAMFER FROM 3X .04 X 30° TO 3X .03 X 45°. ADDED -5 ENGRAVE NOTE. CH'D -9 FINISH CALL OUT TO SEE -7 ASSEMBLY. CH'D -11 FINISH CALL OUT TO SEE -7 ASSEMBLY.	11/14/2012	RJC	SE
2	ADDED C-SINKS TO HOLES ON -1, -3, & -5	11/27/2012	JAG	
3	DESIGN CHANGE; COMBINED TWO PARTS, DELETED -7,-9,-11, ADDED -8.	4/3/2013	BIM	DW



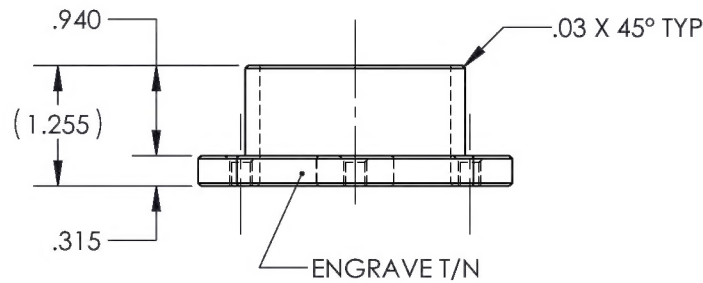
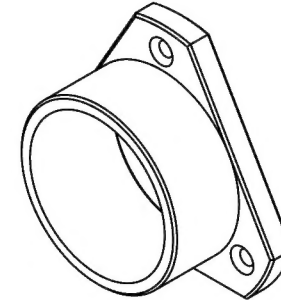
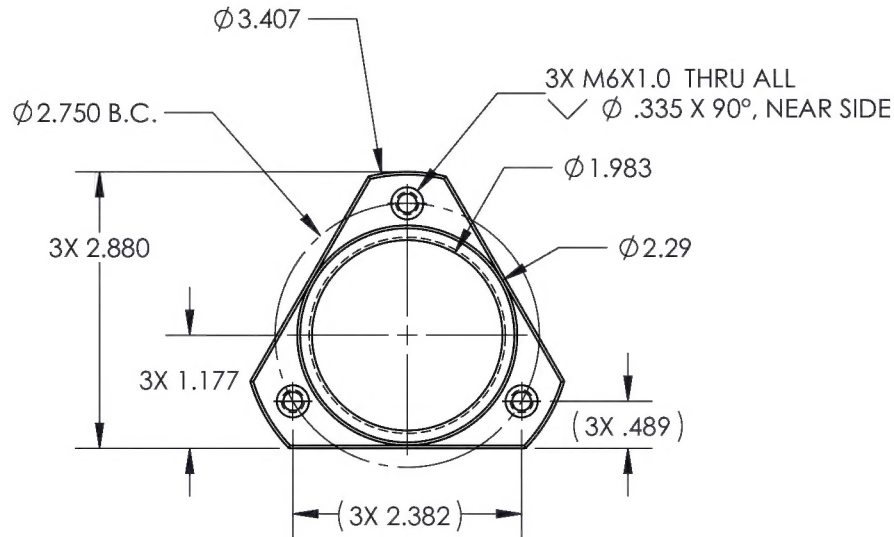
NOTE:  
1. USE PERMENET THREAD LOCKER.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	RING BASE	6061	Ø3-1/2 X 1-3/8	2
			-3	1	BASE	6061	9/16 X 5-1/2 X 4-3/4	3
			-5	1	TUBE BASE	6061	Ø3-5/8 X 3-1/4	4
			-8	1	POINTER	6061	Ø1 X 15	5
		B/O	-13	1	KNOB	S.S.	M6 X 1 MCMaster-CARR #63165K92	1
		B/O	-15	3	SCREW	STEEL	M6 x 1 X 25 MCMaster-CARR #91280A334	1
		B/O	-17	3	NUT	STEEL	M6 x 1 MCMaster-CARR #90591A151	1
		B/O	-19	3	SCREW	STEEL	M8 x 1.25 X 12 MCMaster-CARR #91280A524	1
		B/O	-21	3	SCREW	STEEL	M8 x 1.25 X 20 MCMaster-CARR #91280A530	1
		B/O	-23	3	NUT	STEEL	M8 x 1.25 MCMaster-CARR #90591A161	1
		B/O	-25	1	WASHER	S.S.	M6 MCMaster-CARR #93475A250	1

<b>RED BARN MACHINE</b>	
<b>ENGINE ALIGNMENT</b>	
DWG NO.	REV
RBEL134M-7201-101	3
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45°	USED ON MODEL
OR .015R	EC135
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:5	DATE 2/7/2012
SHEET 1 OF 5	


This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	ADDEDE C-SINKS	11/27/2012	JAG	

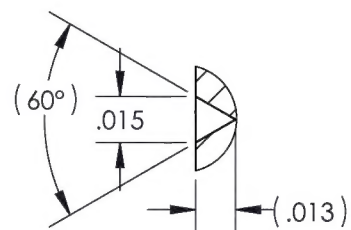
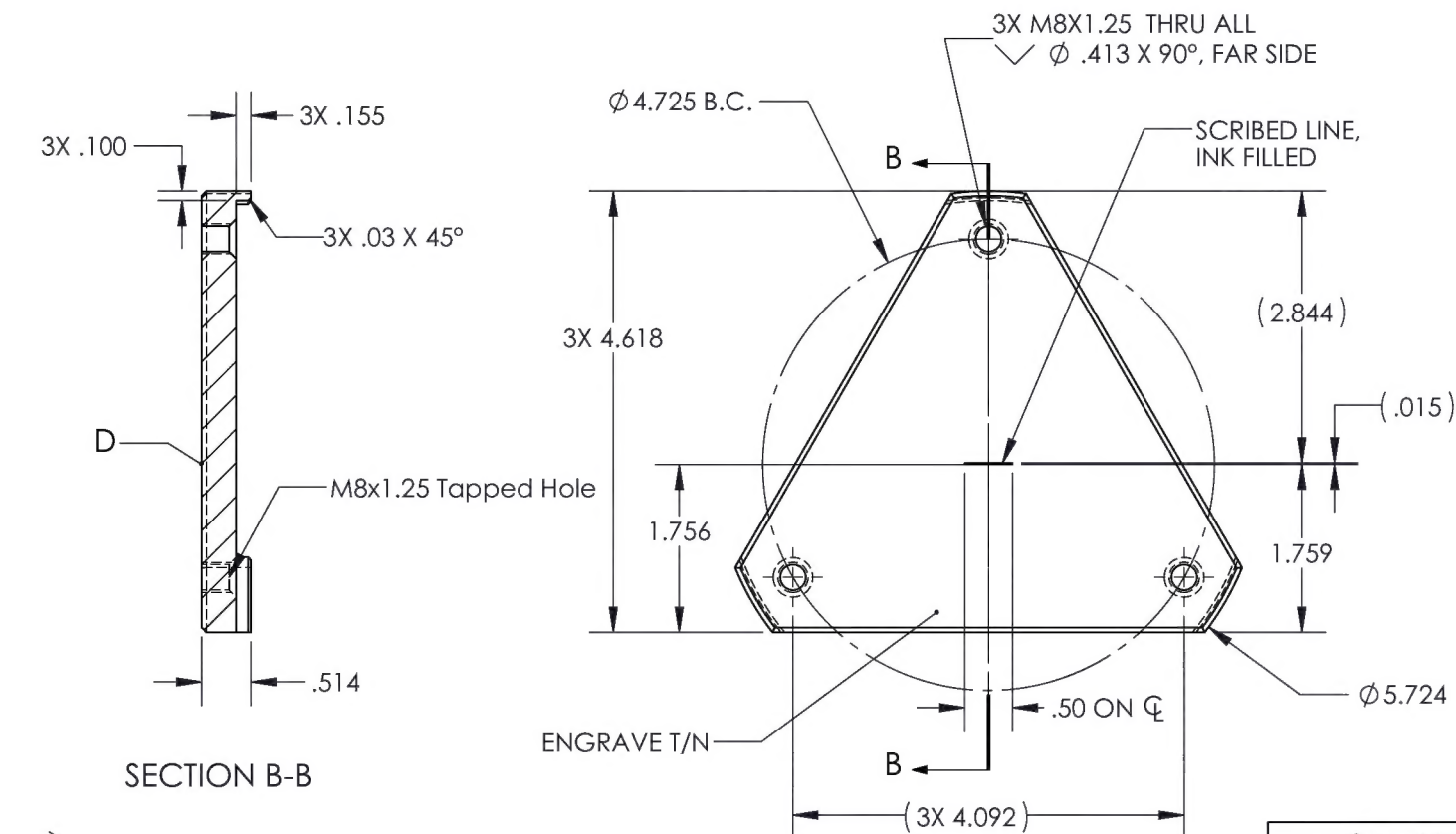
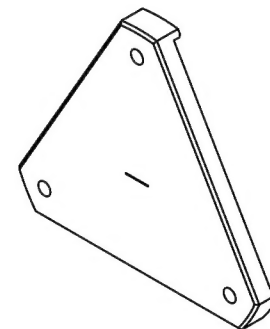


(-1)

RING BASE


 <b>RED BARN MACHINE</b>	
TITLE <b>ENGINE ALIGNMENT</b>	
DWG NO. <b>RBEL134M-7201-101-1</b>	REV <b>?</b>
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX $\pm .005$	HEAT TREAT
.XX $\pm .01$	FINISH CLEAR ANODIZE
.X $\pm .1$	SPEC MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EC135
SCALE 1:2	DATE 2/7/2012
SHEET 2 OF 5	

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D -3 CHAMFER FROM 3X .04 X 30° TO 3X .03 X 45°.	11/14/2012	RJC	GE
2	ADDED C-CINKS	11/27/2012	JAG	

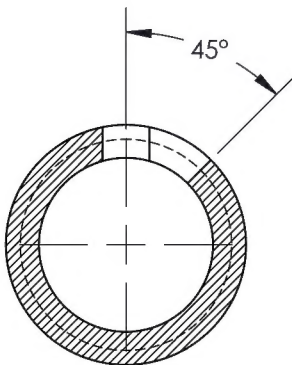
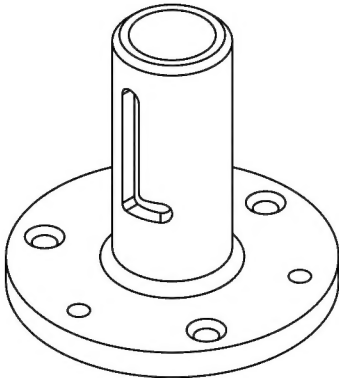


DETAIL D  
SCALE 16:1

③  
BASE

		RED BARN MACHINE	
TITLE		ENGINE ALIGNMENT	
DWG NO.		RBEL134M-7201-101-3	REV ?
MAT'L 6061 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01      ANGLES ± 5° .X ± .1		DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT FINISH CLEAR ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS I USED ON MODEL EC 135	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SCALE 1:2      DATE 2/7/2012      SHEET 3 OF 5	


REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED -5 ENGRAVE NOTE.	11/14/2012	RJC	SE
2	ADDED C-SINKS	11/27/2012	JAG	



Technical drawing of a mechanical part with the following dimensions and features:

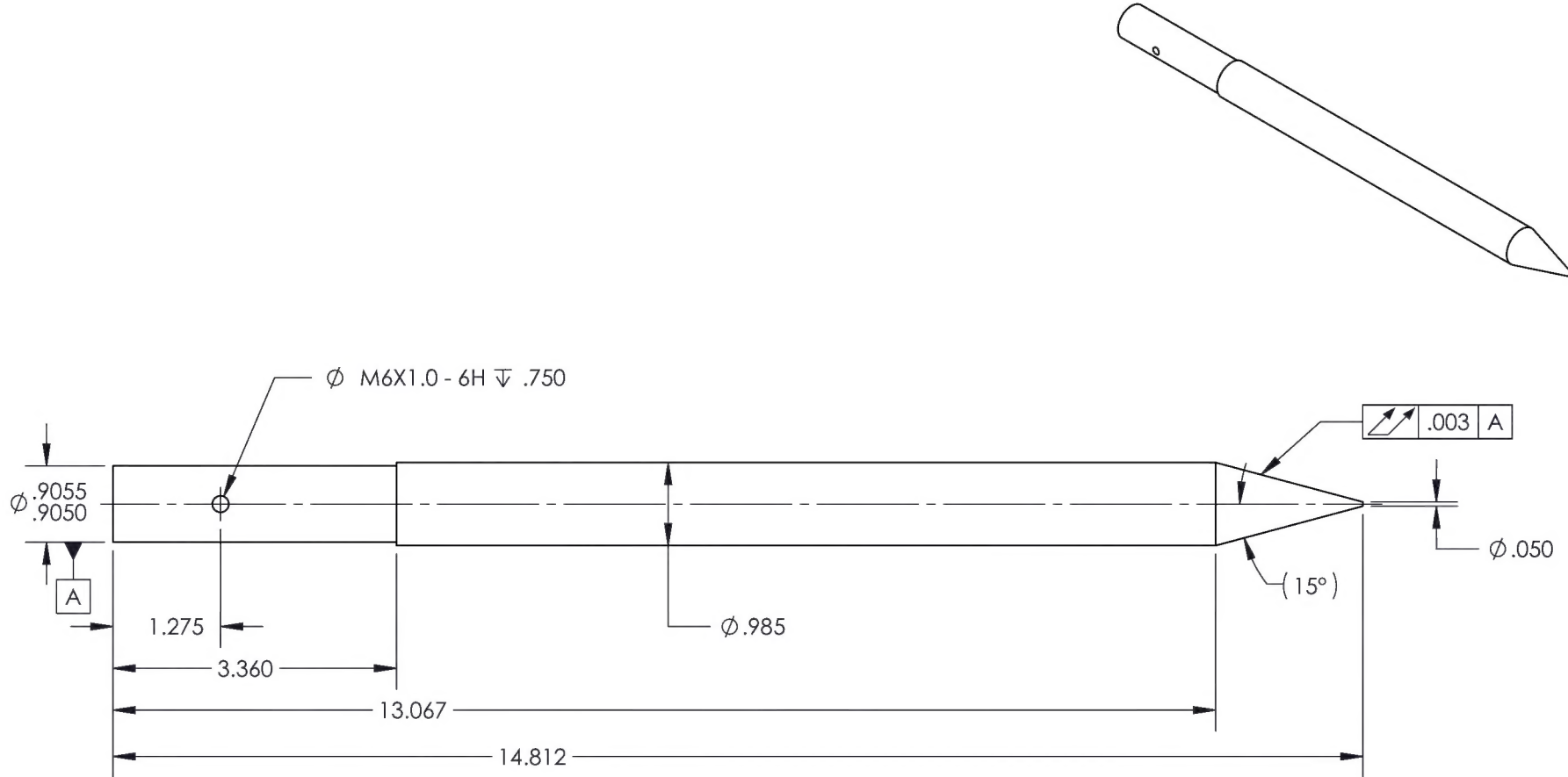
- Overall height: 3.142
- Internal vertical dimension: (2.825)
- Top horizontal dimension: 2X .243
- Top chamfer: .075 X 45°
- Top horizontal dimension: .390
- Internal vertical dimension: 1.570
- Internal horizontal dimension: 2X R.06
- Internal horizontal dimension: R.13
- Bottom horizontal dimension: .317
- Bottom horizontal dimension: Ø 1.25
- Section lines: A-A (vertical), B-B (horizontal)

⑤  
TUBE BASE

 <h1>RED BARN MACHINE</h1>	
<h2>ENGINE ALIGNMENT</h2>	
DWG NO. RBEL134M-7201-101-5	REV <span style="color: red;">?</span>
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <span style="color: red;">D Weil</span>
.XXX ± .005      FRACTIONS ± 1/32 .XX ± .01      ANGLES ± 5° .X ± .1	HEAT TREAT FINISH CLEAR ANODIZE
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC MIL-A-8625F, TYPE II, CLASS I USED ON MODEL EC135
SCALE 1:2	DATE 2/7/2012
SHEET 4 OF 5	

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
3	DESIGN CHANGE; COMBINED TWO PARTS, DELETED -7,-9,-11, ADDED -8.	4/3/2013	BIM	DW



(-8)

POINTER

<b>RED BARN MACHINE</b>	
TITLE <b>ENGINE ALIGNMENT</b>	
DWG NO. <b>RBEL134M-7201-101-8</b>	REV <b>3</b>
MAT'L 6061	DRAWN BY: <b>GILBERT</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH CLEAR ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS I USED ON MODEL EC135
SCALE 1:2	DATE 2/28/2012
SHEET 5 OF 5	